

Orientation meeting

Tutoring Plus opens year

Tutoring Plus of Cambridge held its annual orientation meeting Saturday in the Student Center.

Begun three years ago by several MIT students, the program has since grown into a joint venture of several agencies, colleges, and local parent groups, as evidenced by the very diverse backgrounds of the principal speakers.

Dean Holden began the session by going over the program's history for the multi-collegiate audience. Filling in the details of Tutoring Plus' present and projected directions were Miss Elsa Baldwin, project director, and Anyone interested can call the Mrs. Gertrude Quick, an active Social Service Committee local parent. Mr. David Hock-

man of the Cambridge High schools and Mrs. Dorothy Weitzman followed with some practical advice on tutoring. Mark Vaughan, MIT graduate student and project chairman, closed with an explanation of how tutors fit into the governmental structure of the program.

The program serves the people of the region immediately behind MIT, known as Area 4 to the census takers, and with its expanding scope, Tutoring Plus will be needing MIT students for other endeavors, such as vocational classes and group programs. Baldwin, project director, and Anyone interested can call the Mrs. Gertrude Quick, an active Social Service Committee local parent. Mr. David Hock-

The Tech

Vol. 86, No. 39

Cambridge, Massachusetts, Friday, October 21, 1966

Five Cents

Manager on Inner Belt:

Brookline - Elm route 'set'

By Mark Boletin

Despite the protest march by many Cambridge residents, City Manager Joseph A. DeGuglielmo informed the City Council that he believes the Inner Belt will come and it will pass through the Brookline - Elm St. route.

Studies termed "inadequate" In his letter to the Council, he stated that an appropriation of \$25,000 for study relative to the need of the Belt Route "would prove to be inadequate and ineffective." This pessimism over the Inner Belt was explained in an earlier part of his statement: "There is no credible evidence upon which I can conclude that there is any indication of uncertainty of the location or need of the Inner Belt in the minds of those in authority at the State or Federal level."

DeGuglielmo implicitly dismissed Governor John A. Volpe's proposed restudy of the Belt routes.

as politics and predicted an announcement of the route in early December.

DeGuglielmo's comments were supported by Alan McClenen, Cambridge Planning Director, who said he believed that the Federal Government "on the lower level" had given approval to the route.

Turn to relocation

He told the members of City Council that it was time they turned their attention from fruitless protests to methods of relocating the estimated 1500 families which the Belt would replace. He added that if the City organizes for a complete housing-relocation campaign, it could relocate "up to half" of those hit by the Belt in Cambridge.

Councillor Edward A. Crane immediately took objection to DeGuglielmo's prediction. He referred to a statement by Congressman Thomas P. O'Neill, Jr., that

the restudy of the Inner Belt in Cambridge would delay the Belt for two years.

"Thrown in sponge"

He also charged that DeGuglielmo's letter to the Council indicates that he has "thrown in the sponge," in the battle against the Belt.

Crane said, even now, the Bureau of Roads has not put its stamp of approval on the Brookline - Elm Sts. route. Further, studies are being undertaken by attorneys to seek a public hearing before the Department of Transportation and Commerce.

Wayne Morse to speak on 'US Foreign Policy'

Senator Wayne Morse of the Senate Foreign Relations Committee will be the guest speaker of the Lecture Series Committee in Kresge Auditorium Monday evening at 8.

He will speak on "Trends in American Foreign Policy Around the World," and reliable sources expect him to voice opposition to the Johnson administration's policies on Viet Nam.

Wayne Morse ran as a Republican for the United States Senate in 1944 on a program of "Principles above Politics." He served as a Republican Senator until 1952, when he resigned from the Republican party. In 1956, he was re-elected to the Senate as a Democrat.

Recently, Senator Morse has served as a member of the President's Special Board of Inquiry dealing with the Steel Industry-Labor Dispute of 1965, and as

appointments next week in the Lobby of Building 10. The actual recording will be done in the Student Center the following week.

In addition to the records, Alpha Chi Delta has arranged to take a limited number of Polaroid pictures during the recording sessions. These snapshots may be sent home with the recordings—courtesy of the Polaroid Corporation.

Students are advised to have the message prepared ahead of time. Five minutes of recording is a long time when confronted with a microphone.

Christmas recordings planned as Alpha Chi Delta service

By Sue Downs

Foreign students, as well as Americans who live far from home, will be given a chance to make a record to send home for Christmas, provided by Alpha Chi Delta, MIT's service sorority.

Previously, the Red Cross had a program in which records were made by the families of servicemen at Christmas time. This program has been expanded to include foreign students and Americans far from home. The records are free; the students need only pay postage.

Alpha Chi Delta will be taking

James Brown to appear at JP



"The Fantasticks," whose current off-Broadway show has run for 7 years, will perform on Saturday afternoon of Junior Prom.

discotheque, an idea popular among members of the New York Rock set, will also feature eye-catching demonstrations by four discotheque dancers, as well as unique lighting effects. Ted Herbert has previously appeared on the MIT campus at Spring Weekend '66.

To provide entertainment for all segments of the student body, Junior Prom Committee has arranged for Saturday's program to span eleven hours. "The Fantasticks" will perform in Back Bay Theatre starting at 1:00 pm. The

James Brown Show will be held in the DuPont Athletic Center

Gymnasium from 4:00 until 6:30 pm,

and finally, the traditional

rock 'n' roll blast will begin there at 9:00 pm.

The Wild Ones

Entertainment on Saturday evening features "The Wild Ones," nationally famous discotheque band. Specially flown in from the New York Discotheque "Arthur," "The Wild Ones" will also be playing in the Gymnasium.

"The Next of Kin," a local (Please turn to Page 3)

Academic year 1965-66

Registrar report profiles MIT students, faculty

By Geoff Russell

In his recently-released report, Registrar Warren D. Wells provides a statistical profile of MIT for the academic year 1965-66.

Included are listings of student and staff distributions among the schools and departments, geographic distribution of students, and number and distribution of degrees in the last year.

Geographic distribution

Last year there were 7,408 students registered at MIT, 3,755 undergraduates and 3,653 graduate students. They represented

all fifty states, the Panama Canal Zone, Puerto Rico, and seventy-two foreign countries. Also included was one undergraduate who had no citizenship in any country.

New York had the most undergraduates, with 689, while Massachusetts led in graduates with 1,225. Nevada provided the least number, with two undergraduates and no graduates.

Academic staff

The academic staff at MIT numbers 2,808, including twenty ex-officio faculty members. Of that number, 1,476 comprise the

teaching staff, with the rest engaged in administration and research.

The School of Engineering was the largest, with 1,311 staff members. Second was the School of Science, with 972 members, followed by the School of Humanities and Social Science (213), the Alfred P. Sloan School of Management (161), and the School of Architecture and Planning (59).

The rest of the academic faculty is composed of the athletic staff, the Computation Center staff, and other miscellaneous groups.

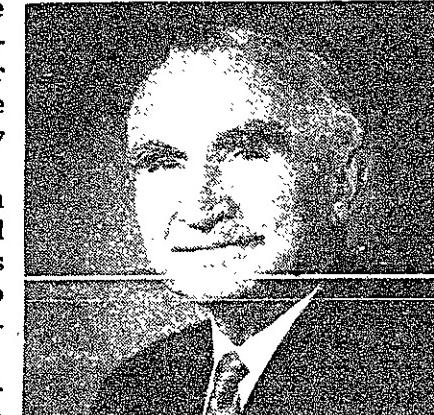
The largest single Department in the Institute was the Department of Electrical Engineering, with 385 members. It is followed by the Departments of Physics (256), Chemistry (227), and Mechanical Engineering (224). The smallest department was the Department of Psychology, with 25 members.

Student distribution

Course VI was the most popular major, with 1,168 graduates and undergraduates registered in it. Second was Physics, with 694 graduates and undergraduates. Third was Mathematics, with 326 undergraduates and 138 graduates. The smallest department was that of Psychology, with twenty-one graduates, and no undergraduates.

Degree awards

Since 1868 MIT has awarded (Please turn to Page 5)



Sen. Wayne Morse

chairman of the President's Emergency Board for the 1966 airlines dispute.

The seminar will be conducted by the three artists, Jacqueline Casey, Ralph Coburn and Dietmar Winkler, who design and execute the graphic material produced through the MIT Office of Publications.

All students will have an opportunity this year to attend a three-evening design seminar.

The seminar will be conducted by the three artists, Jacqueline Casey, Ralph Coburn and Dietmar Winkler, who design and execute the graphic material produced through the MIT Office of Publications.

The seminar will meet in the Student Center Art Studio, room 425. The first meeting is scheduled for Monday at 7:30. There will be a registration fee of \$2 for the series; students may register with Mimi Luft in the Studio.

Poster design seminar to be offered students

Page 2
Tufts lecturer
to give readings

Maxine Kumin, poet and lecturer in English at Tufts University will present a reading of selections from two of her books, "Half Way," and "The Privilege," as well as her novel "Through Dooms of Love." The reading will take place at 8:30 pm., October 25 in the Hayden Library Lounge, and is open to the public.

Mrs. Kumin was a scholar at the Radcliffe of Independent of Study from 1961-1963. She was recently awarded a grant from the National Council on the Arts and Humanities to spend a year on poetry writing.

THE TECH
FRIDAY, OCTOBER 21, 1966
Pocket billiards
tourney starts

The MIT pocket billiards tournament begins first round elimination this Saturday from 9 am until noon and Sunday from 11-2 with 59 entries. The number of contestants is down from last year because of the required entry deposit.

The competition promises to be very good, and the public is invited to attend the matches. Pairings for the tournament are posted in the Game Room.

5-Year
Renewable Term
Savings Bank
Life Insurance



\$25,000

for less than \$75 a year

\$20,000

for less than \$60 a year

\$15,000

for less than \$45 a year

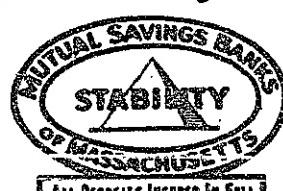
\$10,000

for less than \$30 a year

\$5,000

for less than \$15 a year

These are the average annual net payments for five years, based on current dividend rates, if you buy while under age 35. Dividends are not guaranteed. We will gladly quote premium rate for your age, without obligation.



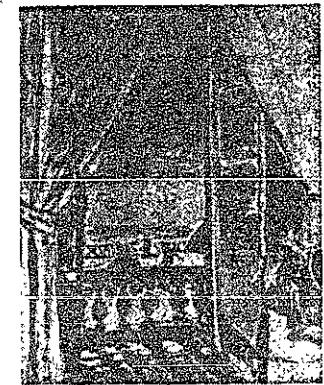
All Deposits Insured by FDIC

CAMBRIDGEPORT
SAVINGS BANK

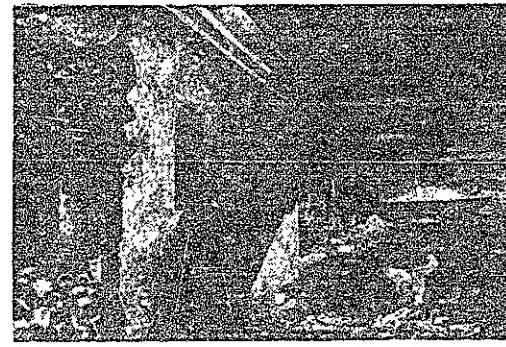
Right in Central Sq.,
Cambridge

Life Insurance Dept.
864-5271

Brush - Stroke Imported Color Prints



298. TERBORCH, A Lady at Her Toilet
607. MATISSE, The Open Window



610. SHAHN, The Red Stairway

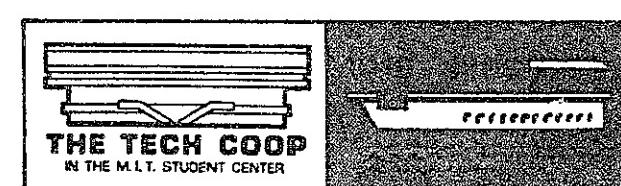
These large size Brush-Stroke prints from Europe have been supervised by experts, assuring complete faithfulness to the original. The "brush-stroke" technique gives the dramatic effect of having been painted by hand. Many subjects from the Hermitage Museum in Leningrad and the Pushkin Museum in Moscow have never been reproduced before. Sizes from 16x20" to 20x24".

At the Coop

\$1.98 Printed in 6 to 8 colors at Europe's finest houses. Amazing fidelity of color and appearance to the original great paintings. Mounted on heavy board, ready for framing now!

Framed While You Wait 2.79 to 3.79 Raw Oak 2 Inch Frames				
16 x 20 2.79	17 x 21 2.99	18 x 22 3.29	18 x 24 3.49	20 x 24 3.79

- 1. RENOIR, La Petite Irene, 18 x 22"
- 15. CONSTABLE, Cottage in the Cornfield, 18 x 22"
- 23. CONSTABLE, The Cornfield, 18 x 22"
- 36. MODIGLIANI, Marie, Fille du Peuple, 18 x 22"
- 42. VAN GOGH, Le Semeur, 17 x 21"
- 69. UNKNOWN, Lascaux Cave-Horse, 18 x 22"
- 142. MANET, Coming Tide, 18 x 22"
- 203. VAN GOGH, The Sea, 18 x 24"
- 204. GAUGIN, Landscape with Peacocks, 18 x 24"
- 220. RENOIR, The Bower, 17 x 21"
- 224. MONET, Haystacks, 17 x 21"
- 226. VAN GOGH, Haystacks in Provence, 18 x 24"
- 233. SISLEY, Moret-Sur-Loing, 17 x 21"
- 242. CHAGALL, Champon Sur Lac, 18 x 24"
- 255. HOBBEEMA, View on High Road, 20 x 24"
- 259. CONSTABLE, The White Horse, 20 x 24"
- 263. RENOIR, Child in White, 20 x 24"
- 265. RENOIR, Boating Party, 18 x 24"
- 269. CHINESE—15TH CENTURY, A Game of Polo, 20 x 24"
- 271. PISSARRO, Regatta, 18 x 24"
- 272. REMBRANDT, Girl at Open Half Door, 18 x 22"
- 275. PISSARRO, The Harbour, 18 x 22"
- 276. PICASSO, Still Life With Orange, 18 x 22"
- 277. PISSARRO, Boulevard Montmartre, 20 x 24"
- 278. MORISOT, Young Girl in Greenhouse, 20 x 24"
- 279. MATISSE, The Window, 18 x 22"
- 280. MONET, The Gladiolas, 18 x 24"
- 282. BELLOTTO, View of Pirna, 14 x 24"
- 283. VERMEER, Lacemaker, 16 x 20"
- 284. VERMEER, Milkmaid, 17 x 19"
- 285. LAUTREC, At the Moulin Rouge, 17 x 18"
- 286. MIRO, Boum Boum Bird, 17 x 21"
- 287. WATTEAU, L'Amore Quieta, 18 x 24"
- 288. CHARDIN, Girl with Shuttle, 16 x 20"
- 290. REMBRANDT, Young Girl Holding Medal, 16 x 20"
- 290. LANCRET, The Swing, 18 x 24"
- 506. FEININGER, Village Street, 18 x 24"
- 507. RENOIR, Little Girl & Watering Can, 18 x 24"
- 508. RENOIR, Venice, Gondola, 20 x 24"
- 509. GAUGUIN, Tahitian Mountains, 18 x 24"
- 510. FRAGONARD, Young Girl Reading, 18 x 24"
- 511. CONSTABLE, View Salisbury Cathedral, 18 x 24"
- 512. WOOD, American Gothic, 18 x 24"
- 550. VAN GOGH, Sunflowers, 18 x 24"
- 551. CEZANNE, The Blue Vase, 18 x 24"
- 552. RENOIR, Le Moulin de la Galette, 18 x 24"
- 553. MODIGLIANI, Gypsy Woman with Baby, 18 x 24"
- 554. MANET, Boy with Cherries, 18 x 24"
- 555. HOMER, In the Mowing, 18 x 24"
- 556. REMBRANDT, Girl with Broom, 18 x 24"
- 557. MONET, Beach at St. Adresse, 18 x 24"
- 558. PISSARRO, The Towpath, 18 x 24"
- 559. CASSATT, The Bath, 18 x 24"
- 600. VAN DONGEN, Passe-Temps Honnette, 20 x 24"
- 601. GREUZE, Le Guitariste, 18 x 22"
- 602. LANCRET, La Danseuse, 18 x 22"
- 607. MATISSE, The Open Window, 18 x 22"
- 608. MARQUET, Port of Naples, 18 x 22"
- 609. MURILLO, Pastry Eaters, 18 x 22"
- 610. SHAHN, The Red Stairway, 18 x 24"
- 748. CHIRICO, Zebra & Horse on the Beach, 18 x 24"



OUR 50th ANNIVERSARY YEAR

Store Hours: Monday thru Saturday, 8:30 a.m. to 5:30 p.m.

Techmen to visit Africa

By Sue Downs

Through Cross Roads Africa exists another opportunity for MIT students to travel abroad. All interested students should attend the organizational meeting Tuesday, at 4 pm, in room 467 of the Student Center.

Mr. Albert Oliver, who is Cross Roads' executive officer as well as James Robinson, a pastor from Harlem, Cross Roads Africa sent

as an excellent speaker, will be over 325 people to Africa last summer.

Six MIT students participated in this program in the last two years.

When Cross Roads was started it had three goals in mind: learn about Africa and understand how their customs differ and are similar to ours, to let Africans, likewise, have a chance to know and understand us, initiate projects and show them what they can do through community effort.

In 1954, a "Reverse Flow" program was started, where African leaders come to the United States to travel and to meet with other youth leaders.

It is the responsibility of each person accepted by Cross Roads to try to raise \$1000 to help pay for his trip. (This amount covers approximately half of the cost involved).

The Foreign Opportunities Committee (FOC) is planning a concert and dance in order to raise money for those MIT students selected. Applications are due the week of November 10. Any further questions should be directed to Yves Kraus, x3204.

'Fantasticks' to play for Prom audience

(Continued from Page 1)
group of extremely high quality, will be on hand to insure continuous music from 9 to midnight. Unlimited free refreshments will also be provided.

All Weekend tickets will be on sale for \$16 a couple and should be ordered quickly through house social chairmen. Additional tickets for "the Fantasticks" will also be offered at \$2.50 apiece. Because of limited capacity on Saturday afternoon and night, no "Saturday only" tickets will be sold.

MIXER

SALA DE PUERTO RICO
Friday 8-12
Guy \$1; Girls Free

THE FINE ARTS FILM CLUB Presents at the

FINE ARTS THEATRE
80 Norway Street, Boston
Tel. 262-9876

IN ONE PERFORMANCE ONLY
On Sat., Oct. 22nd at 1 P.M.
Federico Fellini's

"NIGHTS OF CABIRIA" (1957)

with Julietta Massina

On Sun., Oct. 23rd at 1 P.M.
Francois Truffaut's "SHOOT

THE PIANO PLAYER (1960)

COMING:

Sat., Oct. 29: Fellini's

"La Strada" (1954)

Sun., Oct. 30: Bresson's "Diary

of a Country Priest" (1951)

PERGAMON PRESS Scientific Publisher

Seeks student, senior or graduate, with science background, for position of Part-time Field Representative. Hours flexible. Payment: \$3 hour.

Call Mr. Tomanek
of TSE for appt.
X2924



fly the friendly skies of United.

United Air Lines has a man on campus—a fellow student, here to give you a reason to call United first for:

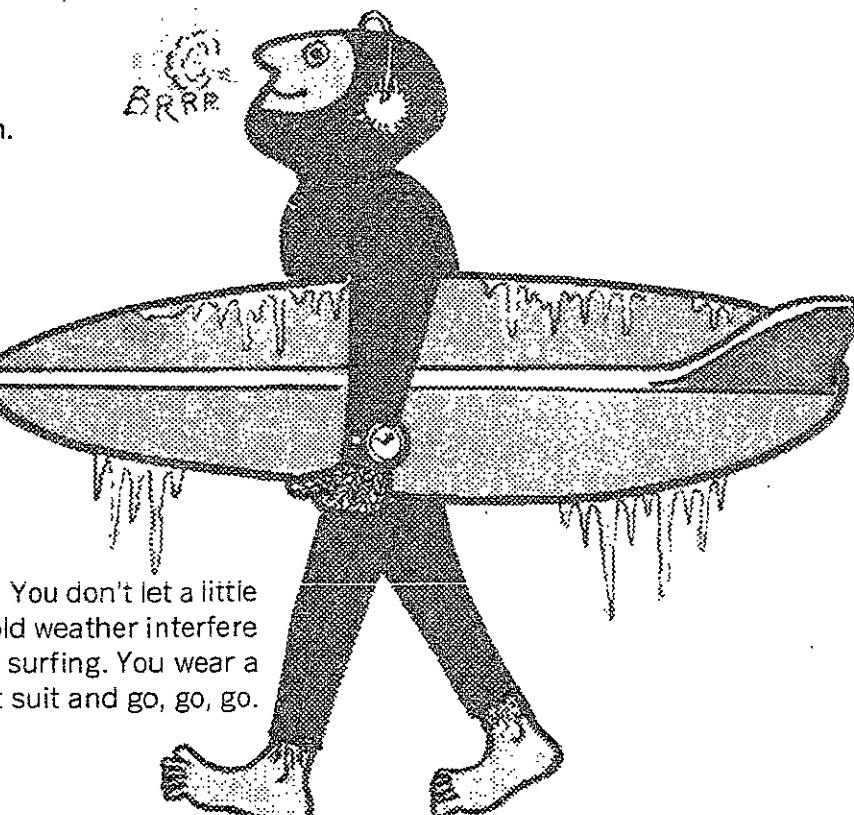
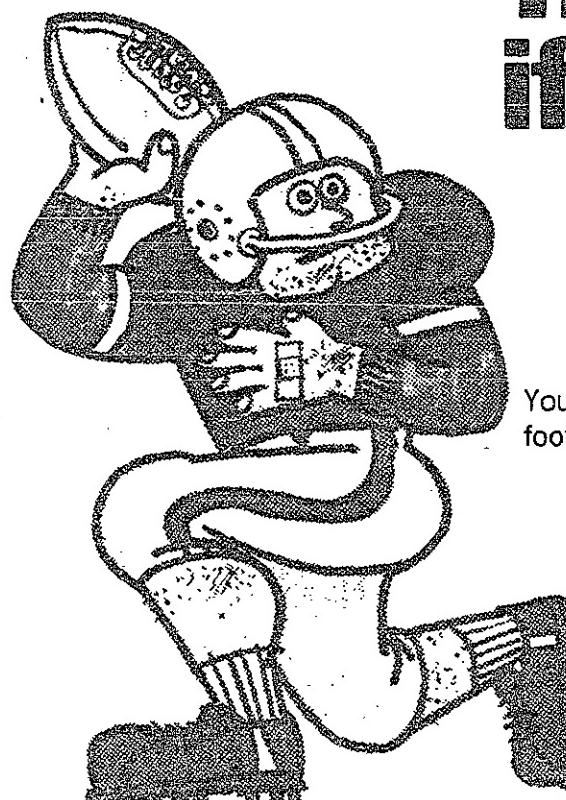
"I221" Club Youth Fare
"Discover America"
25% Round-Trip Discount

Complete Schedules and Information

Call your Campus Representative, Paavo Pyykkonen '67, he's able and waiting to help you with all your travel needs—HU 2-6430.

How to tell if you're an Ale Man

You'd rather play football than watch.



You don't let a little thing like cold weather interfere with your surfing. You wear a wet suit and go, go, go.

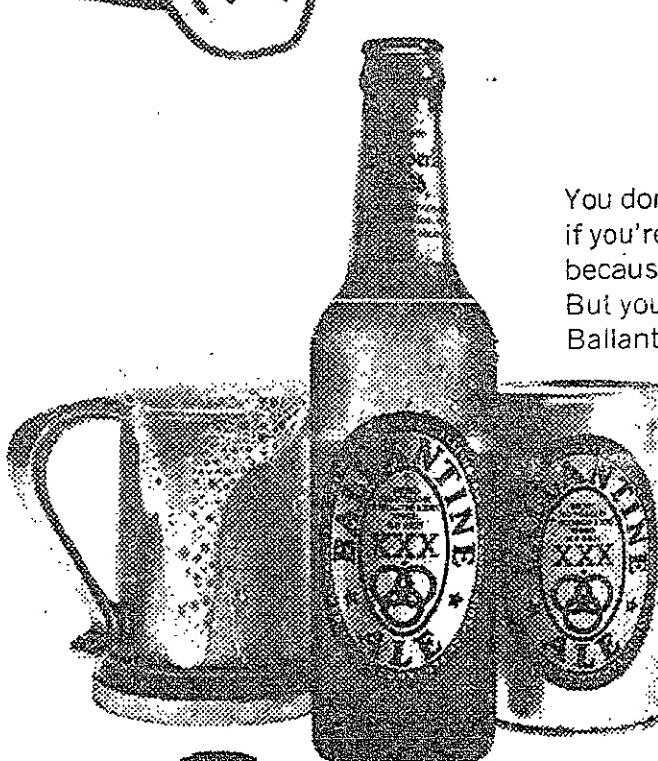
You still think James Bond books are better than James Bond movies.

" Your friends think that four-on-the-floor is it. Your last car had a five-speed box. "

You don't have to read an ad like this to find out if you're an Ale Man. You know you're an Ale Man because you graduated from beer ages ago. But you're still explaining to your friends how Ballantine Ale is light like beer but packs a lot more taste.

You wish they'd discover the clean, dry, tangy taste of Ballantine Ale for themselves—and let you do the things an Ale Man likes to do.

Dedicated to Ale Men everywhere.
May their numbers increase.
P. Ballantine & Sons, Newark, N.J.



Something borrowed

MIT's libraries are certainly not one of the school's academic strong points.

However, before castigating the library system for all its inadequacies, it is wise to note that some members of the academic system aggravate the situation by forgetting the fact that a large number of people depend on the libraries' resources.

One of the worst groups of offenders are members of the faculty and staff who use the privileges of their position to remove books and journals from the libraries for indefinite periods of time. While it is true that these books are sub-

ject to recall after a short time if someone else requests them, protracted periods of time often intervene before the professor in possession of the book finally decides to relinquish it.

Faculty salaries and research grants at MIT are generally sufficient enough to allow a professor to either purchase or Xerox any printed material he will be using extensively. Common consideration of others dictates that the removal of resources from the library for long periods of time be held to an absolute minimum.

Inside Inscomm

Intercollegiate Council formed to promote cultural exchanges

By Frank March, UAP

A meeting to organize a new Boston Intercollegiate Council was held at Brandeis Tuesday. Representatives from MIT, Regis, Simmons, and Brandeis were present. One general purpose for the Council which was agreed upon is an academic, social, and cultural exchange between campuses. Another obvious purpose of such a group is the discussion of common problems. Examples of topics of common interest are area social service projects, and discussion

of the Massachusetts sales tax on books. The MIT delegates were Doug Gordon '68, Bob Horwitz '68, and Tom James '68.

The next meeting of the Council will be in approximately one week, at MIT.

Inscomm Conference

Plans are now being formulated for an Inscomm conference on student housing. The format of this conference would be similar to that held October 2. The general philosophy of MIT housing, the present status of housing, and the plans for the future would be discussed. The date will be set by the Institute Committee at its next meeting November 3.

Tunnel or Bridge?

Plans have been announced to build a bridge across Mass. Ave., but there appears to be some student discontent with the present plan. Members of the Student Center Committee feel that priority should be given to adding to the activities and commercial space in the building by hollowing out underground the area between the Student Center and Mass. Ave. These additional rooms could then easily be con-

(Please turn to Page 5)

THE TECH

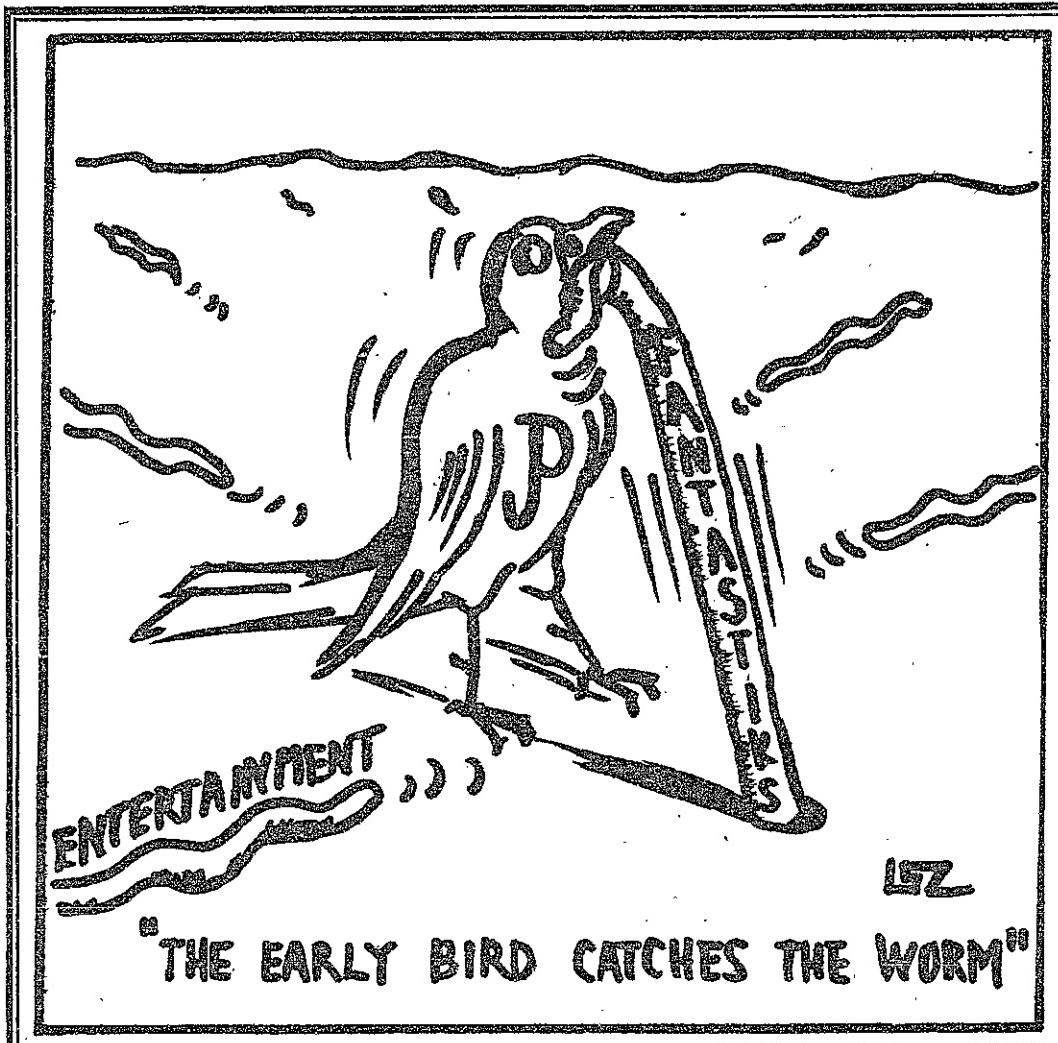
Vol. LXXXVI, No. 39 Oct. 21, 1966

BOARD OF DIRECTORS

Chairman	Dave Kress '67
Editor	Charles Kolb '67
Managing Editors	Robert Horwitz '68 Mark McNamee '68 Guille Cox '68
Business Manager	Gerry Banner '68
News Editor	Mike Rodburg '68
Features Editor	Tom Thomas '69
Sports Editor	Lew Golovin '67
Photography Editor	Andy Seidenfeld '68
Entertainment Editor	Nick Covatta '68
Business Representative	

Second-class postage paid at Boston, Massachusetts. The Tech is published every Tuesday and Friday during the college year, except during college vacations, by The Tech, Room W20-483, MIT Student Center, 84 Massachusetts Ave., Cambridge, Massachusetts 02139. Telephones: Area Code 617, 876-5855, and 864-6900 extension 2731. United States Mail subscription rates: \$4.25 for one year, \$8.00 for two years.

Front page photo of 77 Massachusetts Ave. at night taken by John Havekotte.



Letters to The Tech

VIII and XVIII OK

To the Editor

In your editorial of October 14, 1966, entitled "Academic Incest," you say that the Physics Department passes over its own undergraduates in favor of those from other schools in admission to our graduate program in physics. This is not true. We consider applicants from MIT on a par with those from other schools of equal caliber. In point of fact, about a quarter of our entering first year graduate students obtained their undergraduate degrees from MIT. This percentage has remained roughly constant for the past 30 years.

We feel that the decision to continue his graduate education at his undergraduate school is his own. We do not try to force a decision on him by rules or quotas in our admission procedure.

George F. Koster
Chairman
Graduate Committee

To the Editor

In your editorial of October 14, 1966 you state that MIT undergraduates are treated unfavorably by the Mathematics Department as regards admission to graduate school. In fact one quarter of our current graduate students were MIT undergraduates. Many more MIT men were admitted but chose to go elsewhere. We regard MIT as one of our best sources of good candidates.

Norman Levinson,
Chairman,
Mathematics Department
Graduate Committee

(Ed. note: We are extremely pleased to learn that we judged the Graduate Committees of the Math and Physics departments too harshly, and we apologize for suggesting that they undervalue their own undergraduates.)

At the same time we would like to point out that our original editorial was a reflection of the impressions concerning admission to their departments' graduate programs which under-

graduates in these departments had expressed to us. So it would seem that both the physics and mathematics departments might let their high regard of their own undergraduates show just a little more.)

Humanities view

To the Editor:

Your editorial of October 14 concerning criticism of the 'full major' in the humanities has missed the point.

The department's decision is not being criticized because MIT might not have sufficient resources to bring it off; it does have them. It is criticized because it places in jeopardy the very aspects of our MIT education which make it valuable.

MIT educated humanists are necessary precisely because the 'liberal arts' colleges have failed to do their job and because our 'humanistic' culture is bankrupt as a result. The MIT 'double major' resulted from an awareness that there were unsolved problems in the humanities, knowledge that most 'liberal arts' graduates were not equipped to solve them, and the hope that a scientific education would work where a 'humanistic' one hadn't.

The results of the double major have been encouraging. In upper-class science electives, which would be eliminated under the 'full major' proposal, the 'double majors' get an opportunity to experience the progress of science not as spectators, but as participants. It is this opportunity which gives the MIT humanists their most important assets: confidence in the efficiency of their own minds and the knowledge that rationality works. Without this knowledge no education can ever be useful.

The problem of giving a firm preparation for graduate study in the humanities can be solved without eliminating the upper-class science electives. A fifth year program leading to a BA

in the humanities should be investigated. As for giving a four year program in the humanities alone, we ought to ask as we always ought to, not only whether we can do it but also whether we should.

If it were not for the latter question we would have no need of the humanities.

Adam V. Reed '67

XXII speaks out

To the Editor

We do not believe that the "academic incest" theory mentioned in your editorial of this title in the October 14 issue of The Tech applies to the Nuclear Engineering Department. This theory holds that a student who does his graduate work at the same school he attended as an undergraduate will develop too narrow a point of view because he is exposed to the same ideas in graduate school as an undergraduate.

As the Nuclear Engineering Department has no undergraduate program, it offers a new and stimulating educational experience to all MIT undergraduates. We welcome as graduate students graduates from any of the undergraduate programs in the Schools of Science or Engineering at MIT. We believe that an MIT student will have his intellectual horizons broadened fully as much by doing graduate work in nuclear engineering at MIT as by going to some other school. And we think we have at least as good a program as any other graduate school.

Manson Benedict
Head, Department of
Nuclear Engineering

(Ed. note: Of course we did not suggest that the Nuclear Engineering Department was one of the MIT graduate departments which does exclude MIT undergraduates. Again we're very happy to hear of Course XXII's desire to attract MIT undergrads from the various fields of science and engineering.)

Kibitzer

By Mark Boletin

the missing values in hearts and spades.

At trick two, East returned the Jack of diamonds which declarer won on the board. Declarer had to establish some spade tricks to provide a slough for his losing diamond, so he returned to his hand with a trump. He led the Jack of spades, and when West refused to cover, let the Jack ride around. He continued with Ace and King and a small spade, as he discarded a diamond and ruffed a spade.

The entire position was now clear to declarer; for East had shown out of spades and had not ruffed the King. South could now continue with a cross-ruff, South won the Ace of hearts, then ruffed a heart to the board. A diamond ruff put declarer back in his hand in order to lead a heart which was ruffed with the ten, as West can only under-ruff. Finally, ruffs were taken separately with the Ace and King of trump.

The folly of West's double is very clear. First, West is not even close to being able to set the contract—the defense's only trick came on East's diamond

(Please turn to Page 5)



**MICHAEL CAINE'S
ALFIE**

"YOU ARE GOING TO ENJOY
'ALFIE' VERY MUCH." —LIFE Magazine

"Caine gives a
brilliant performance!" —Redbook

(RECOMMENDED FOR MATURE AUDIENCES)

A PARAMOUNT PICTURE · TECHNICOLOR®

CONTINUOUS
DAILY • SUNDAY HOLS

THE ASTOR
TREMONT AT BOYLSTON

Kibitzer . . .

(Continued from Page 4)
Ace, which North might very well have had by his strong bidding. Second, there was very little to gain by the double. A one-trick set would bring only an extra 100 points.

Inside Inscomm . . .

(Continued from Page 4)
nected by tunnel to Bldg. 7 in the process of building the rooms. The idea seems to have been found reasonable among some members of the administration, but the cost of the project versus the cost of the bridge is the variable which must still be determined. With the present shortage of space for activities especially small activities, I would hope that this proposal receive strong backing from all arms of the administration.

Classes at Home

The idea has been proposed to have sections of certain classes meet in dormitories or fraternities if enough people are taking the class from the living group and if it can be arranged. The student-faculty contact resulting from such a program would hopefully be very beneficial for the whole educational program of the living group. It sure would beat walking to the Institute on rainy days.

EE most popular to MIT students

(Continued from Page 1)
60,333 degrees to its students. This includes 36,316 Bachelors of Science, 16,278 Masters of Science, 2,927 PhDs, 1921 Doctors of Science, and 1,272 Advanced Engineering degrees.

George Bernard Shaw be darned!

Youth isn't wasted on the young. And the young don't waste their time at Celanese.

Our top people are never old-fashioned about any new idea, whether it comes from middle management or from our youngest college grad. We have a master plan and the vitality to make it work. Marketing is way-out and zeroed right in. Finance knows that we have better things to do with our money than let it grow barnacles... shelled out \$465 million in capital expenditures over the last 3 years. In the scientific department, we combine technical insight with an unusual grasp of marketing dynamics.

Thinking young explains how we chalked-up one of the most impressive corporate rebuilding jobs in recent history. How we turned what was basically a one-product business into a solid and diverse international corporation dealing in chemicals, miracle fibers, plastics, paints, petroleum and forest products. How we multiplied sales 5 fold in 10 years. How we now have 100 plants in the U.S., Canada, Latin America, Europe, Africa and Asia.

Possibly we could afford to relax a little. But success makes young blood run even faster.

Which means that the ambitious college grad couldn't find a more provocative opportunity anywhere else in American industry.

Accountants, Chemists, ChEs, MEs, Physicists, MBAs

Our representative will be on your campus soon. Contact your placement director to make an interview appointment. Or write for a brochure outlining more specific areas of job opportunity to Mr. J. B. Kuhn, Manager of University Recruitment, Celanese Corporation, 522 Fifth Avenue, New York, N.Y. 10036.



CHEMICALS • FIBERS • PLASTICS • COATINGS • PETROLEUM • FOREST PRODUCTS

An Equal Opportunity Employer (M&F)

Third, and most important, the double gave declarer extra information about the hand and enabled him to make the hand by playing it differently than he would have played it otherwise. Thus, the double cost well over 1000 points.

Doubles of slam and game contracts should be made only when the contract is likely to go down more than one trick. Such doubles should be avoided when the double is likely to aid declarer in playing the contract.

There is one convention, called Lightner doubles, which applies to doubles of slam contracts. A double of a slam contract by opening leader's partner calls for an unusual lead, often dummy's or declarer's first-bid side suit. These doubles are made, not to pick up an extra hundred points, but to defeat a slam that would make against a normal opening lead.

MIXER

SALA DE PUERTO RICO
Friday 8-12
Guy \$1; Girls Free

IN KRESGE CONCERT FRIDAY, OCT. 28

JOSH WHITE

Tickets now on sale in lobby of Building 10.
Only \$2 for reserved seats.

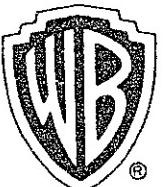
NOW

!!!!NEW PP&M!!!!



THE PETER, PAUL
& MARY ALBUM

W 1648 / WS 1648



WARNER BROS.
RECORDS

RON DELSENER presents

Buffy Sainte-Marie
IN CONCERT
Friday, Oct. 28
at 8:30
Back Bay
Theatre, Boston

TICKETS: \$2.50, 3.50, 4.00,
now at TYSON, HUB, OUT-
OF-TOWN and all leading
ticket agencies. Also at
M.I.T. and Harvard.

BY MAIL: Only at Back Bay
Theatre, 205 Massachusetts
Ave., Boston. Phone 267-5178.



movies . . .

'Alvarez Kelly'—for true western fans

By Dave Koffman

'Alvarez Kelly' is the most recent of the attempts to infuse new life into the western by setting it some new scenery. In this case, we have William Holden (in place of John Wayne) driving cattle through the badlands of Virginia during the Civil War.

Part time sales representative for national advertising and marketing company dealing with college market. Salary and commission. Phone Mr. Shield at 267-1607.

If you have any taste for westerns at all, you should have little trouble enjoying yourself; it just takes a little effort. Kelly has been hired by the Union Army to supply it with cattle near Richmond, as he learns. The wiles of a southern belle and of Confederate officer Tom Rossiter (Richard Widmark) somehow get Kelly on the Confederate side, plotting to steal the cattle from the Army of the Potomac, and bring them into the city of Richmond itself.

Elementary plot

That's the plot, and it moves along pretty well, with just the right amount of complication, and a tiny dash of femininity, quite amply displayed. A good part of the complication comes from the Union officer who originally hired Kelly, Major Stegeman, played by Patrick Neal who gives by far the best performance of the movie.

SALES **SERVICE**
 VOLVO
The Swedish Wonder Car
DALZELL MOTORS
805 Providence Highway
Bedford Plaza 329-1100

vie. The best scene of the film has the major holding off his men's fire till they can see the whites of an onrushing herd of cattle's eyes. As for the splendid décolletage, it's just there for viewing; don't worry about the acting, or you'll ruin the effect.

Clearly the proper way to enjoy 'Alvarez Kelly' is to take it a piece at a time — the trees are much more important than the forest. Any attempt to look at the whole forest will result in a little confusion, mainly over the film's uncertainty about just who is the villain at any particular moment. Similarly, Kelly's character, though it produces quite spectacular effects at single points in time, has a very elusive quality when examined for any consistency.

Poor photography

Therefore, it is unfortunate that the photography, on which the movie necessarily depends so heavily, should be so lacking in quality. Though the cattle provide many opportunities for really imaginative shots, we must be satisfied with footage more appropriate to a newsreel. Moreover, the color has a way of shifting over a good part of the spectrum, and the constantly changing focus has a way of ruining the clarity of line in the most striking of scenery.

All in all, it's mostly a matter of the viewer's attitude. There is much to enjoy, but the conscientious killjoy can have his fun too.

***** JUST MARRIED *****

*2 cars are too many. '62 VW
red, sunroof, excellent cond.

Call 547-3829

***** ELSIE'S *****

Noted for the best Sandwiches
to eat in or take out.

FAMOUS ROAST BEEF SPECIAL
SANDWICH—KNACKWURST—
BRATWURST with SAUERKRAUT
or POTATO SALAD

"und die feinen Wurstwaren"

71 Mt. Auburn St., Cambridge

491-2842

PHIL & CLAUDETTE MARKELL

***** Christmas in California *****

★★★ Spend your vacation in California this year.
★★★ Board a Non-Stop Jet.
★★★ 2 bags free plus carry on.
★★★ Return any time*.
★★★ Save \$89.00 over regular airfare (\$230.89) tax inc.**
Call

Parker Travel Bureau
(epp. B.U.) 566-4087

NOW—Reservations are limited
so reserve your seat now.
**Min. stay 10 days.

HARVARD SO. UN 4-4560 DEDO

Academy Award winner!

"The Shop on Main Street"

1:20, 5:25, 9:35

plus "JUDITH" 3:30-7:40

BRATTLE SO. TR 6-4226 DEDO

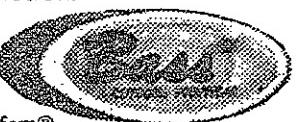
Jean-Paul Belmondo
Festival
Today: "Cartouche"
Sat.-Sun.: "Breathless"
Mon.-Tues.: "Male Hunt"
Daily 5:30, 7:30, 9:30
Sat. & Sun. Matinees 3:30



... From the makers of Weejuns®

Bass MONOGRAMS™

The lusty brogue redefined. Ounces lighter, doubly flexible. The Monogram™ plate on the instep is our mark of quality . . . your mark of distinction.



There's a Plain Toe style, too. Both in Black, Golden
and Hawthorn Brown grain calf and Cordovan color Corfam®.

G. H. BASS & CO., 159 Main Street, Wilton, Maine

THE COOP
ANNUAL MEETING
WILL BE HELD IN

Harvard Hall I
Wednesday, Oct. 26, 1966
at 5 p.m.

in accordance with Article XIV
of the By-Laws of the Harvard
Cooperative Society.

Members who have joined since
July 1, 1966, are Participating
Members and are cordially in-
vited to attend.



Announcing
JP '66
FRIDAY, NOVEMBER 11
TED HERBERT'S ORCHESTRA and 'THE CLOUD'
in the Stratton Student Center

SATURDAY, NOVEMBER 12

'THE FANTASTICKS'
in the Back Bay Theater

1 P.M.

THE JAMES BROWN SHOW
in the DuPont Athletic Center Gymnasium

9 P.M.

ROCK 'N' ROLL BLAST FEATURING
THE WILD ONES and THE NEXT OF KIN
in the DuPont Athletic Center Gymnasium

Talking Rock

By Don Davis

The release of 'Louie, Louie' point of not being there. For example, it is "Never think now I'd by the Sandpipers has reopened the controversy concerning the words of the song. Ever since the Kingsmen hit number two nationally in December, 1963, with rumors of obscene lyrics have been circulating. The FBI has investigated the song and discussed it with the publisher, label, and Kingsmen, but no one has been convicted of anything. Someone sent the governor of Indiana a copy of the "dirty" lyrics asking that it be banned in the state, but got no response.

Original versions

The song was written by Richard Berry and recorded originally by Paul Revere and the Raiders on the 'Here They Come' album. Their version of the song contained only one verse and was clearly about a guy who was sailing across the sea to see his girl. The Kingsmen then recorded it and garbled the words so that one could hear almost anything in it, including a set of gross lyrics. The published lyrics are those as written by Berry, a calypso folk song sung by a lonely seafarer.

Comparison of lyrics

If one listens closely to the Kingsmen's single or album cut, he will notice that Berry's words are there, while the accepted dirty ones are strained to the

(Please turn to Page 9)

MIXER

SALA DE PUERTO RICO
Friday 8-12
Guy \$1; Girls Free

RACKETS RESTRUNG
One-Day Service
Tennis & Squash Shop
67A Mt. Auburn St., Cambridge
(Opp. Lowell House)
TR 6-5417

Goethe rhymes, Freud hunts, and Oskar drums:
All are worthy of conversation in Advanced German conversation and grammar class at Academia Modern Language Center.
54 Boylston Street 354-2124

HEALTHY MALE COLLEGE STUDENTS

Wanted as paid participants (\$20 each) in research concerned with factors influencing onset of illness.

To qualify, students must never have had any allergies, and within the past year must have been free of any infections, colds, sore throats, etc., which required medication.

To volunteer or obtain further information, call Dr. Jacobs at the B.U. Medical Center, 262-1400, extension 692, weekdays, 9-5.

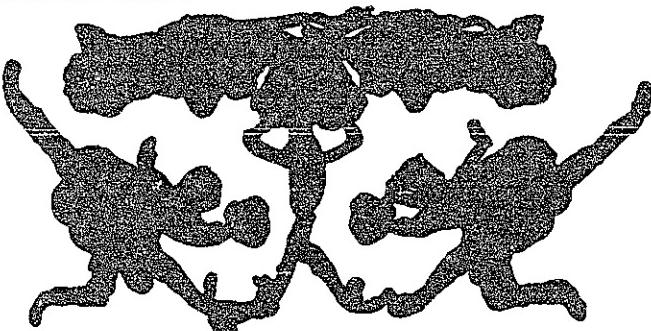
HEALTHY MALE COLLEGE STUDENTS

Wanted as paid participants (\$20 each) in research concerned with factors influencing onset of illness.

To qualify, students must never have had any allergies, and within the past year must have been free of any infections, colds, sore throats, etc., which required medication.

To volunteer or obtain further information, call Dr. Jacobs at the B.U. Medical Center, 262-1400, extension 692, weekdays, 9-5.

WOTSABLO?



People see many things in our fun inkblot section. The way a person responds helps us to match him with people who observe the same style of life. There are no right or wrong answers or a limit to what can be seen in a single blot. The above blot is a sample from our new compatibility questionnaire. Possible responses are listed below.

RESPONSE LIST (Try turning the blot upside down)

1. person trying to touch toes
2. person shaking hands
3. ballerina with fan
4. foot or leg flexed to kick

Our questionnaire also includes sections to measure the subtleties of imagination, and social intelligence and values. It's intriguing. And it's free. Just write for your copy.

TECH

419 Boylston St., Boston, Mass.
Phone (24 hrs.) COpely 7-1634
CORPORATE HEADQUARTERS:
150 Fifth Ave., N.Y.C. 10011

THE
INTRIGUING FUN
APPROACH TO
MEETING SINGLE
PEOPLE

CAMPUS
REPRESENTATIVES
ARE WANTED.
Call or write for info.

Auditions for plays held in Little Theatre

Auditions for the next set of one-act plays will be held Monday at 7:30 pm. The auditions will take place in the Kresge Little Theatre.

The two plays are 'Servants of the People' by Lawrence Ferlin Ghetti and 'The Don Juan in Hell' from 'Man and Superman' by George Bernard Shaw. Opening night for the performance is November 4.

Tech Coop Optical

NEXT TO CUSTOMER SERVICE IN BOOK DEPARTMENT
Quality and Service is Our Byword — Patronage Refund
Ophthalmologists prescriptions are filled promptly — accurately.
Excellent selection of frames for Men-Women-Children.
Office Hours: Monday-Saturday, 8:50-5:30 — Lunch 12-1 (Closed)
Phone 491-4230, Ext. 50, or from MIT dial 8950

THE TECH COOP

IN THE M.I.T. STUDENT CENTER

64 Massachusetts Avenue, Cambridge, Mass. 02139

Does
this
spot
feel sticky?

NEITHER DOES OLD SPICE STICK DEODORANT

Dries as it applies . . . in seconds. And stays dry! Gives you fast . . . comfortable . . . dependable deodorant protection. Lasting protection you can trust. Try it. Old Spice Stick Deodorant for Men. 1.00 plus tax.

SHULTON



LSC PRESENTS



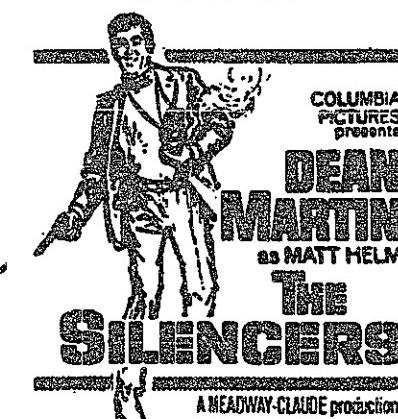
FRIDAY, OCT. 21

26-100 7 & 9:30

MIT I.D. Required

SATURDAY

OCT. 12



THE SILENCERS

A MEADWAY-CLAUDIE production
COLUMBIACOLOR

50 cents

SUNDAY:

THE BIG SLEEP

The Best of Bogart 10-250 8:00 I.D. Not Required

MONDAY, OCT. 24

SENATOR WAYNE MORSE

will speak in Kresge on:

American Foreign Policy Around The World

8:00 P.M.

Preference Given to MIT Community

Making the Scene

S	M	T	W	T	F	S
21	22	23	24	25	26	27
28	29	30	31	1	2	3

THIS WEEK MUSIC

MIT—Class of '67 presents Josh White in concert, Oct. 28, 8 pm; Kresge; \$2.

MIT—Dizzie Gillespie Quintet; Oct. 22, 8 pm; Kresge.

Boston Symphony Orchestra — Richard Burgin, guest conductor; Bach, violin concerto no. 1 in A minor; Hindemith, Symphony Serena; Shostakovich, Symphony No. 5 op. 47; Oct. 25, 27 8:30 pm; Symphony Hall.

Boston Symphony Orchestra — Erich Leinsdorf conducts; Mozart, Symphony No. 40 in G Minor, K. 550; Berg, suite from Lulu; Beethoven, piano concerto No. 1 in C major, op. 15; Oct. 28, 2 pm, Oct. 29, 8:30 pm; Symphony Hall.

New England Conservatory — New Event Ensemble; Oct. 26, 8:30; Jordan Hall; free.

New England Conservatory — NEC Tour Chorus, Lorna Cooke de Varon, conductor; Fine's 'The Hour Glass,' Carter's 'Musicians Wrestle Everywhere,' and works of Copland, Gershwin, and faculty member Daniel Pinkham; Oct. 28; 8:30 pm; Jordan Hall; free.

Gardner Museum — Ivan Oak, lyric tenor, John Moriarty, piano; Oct. 22, 3 pm; free.

Harvard — Jackie Washington sings for children; Oct. 22, 8:30 pm; Sanders Theatre.

THEATRE

Theatre Co. of Boston — Peter Weiss' 'Maret/Sade' opens Oct. 20, 7:30 pm, Oct. 21, 8:30 pm; \$2.25-\$3.90.

Wellesley — film 'Smiles of a Summer Night'; Oct. 22, 8 pm; Pendleton Hall; 50c.

Tufts — 'Chips With Everything' opens Oct. 21, 8:15 pm; Tufts Arena Theatre \$1.75 (weekdays), \$2.00 (weekends).

NEXT WEEK MUSIC

Boston Symphony Orchestra — Boston Symphony Chamber Players; Nov. 2; Jordan Hall.

Leah Drama Center — Buchner's 'Woyzeck'; opens Nov. 1, 8:30.

MISCELLANEOUS

MIT — Yigael Yadin speaks on Masada excavations; Oct. 21, 2:30 pm; Kresge; free.

MIT — Maxine Kumin reads selections from two of her poetry books, 'Halfway' and 'The Privilege,' and her novel 'Through Dooms of Love'; Oct. 25, 8:30 pm; Hayden Library Lounge; free.

Brandeis — James Farmer, former national director of CORE, speaks on 'Black Power in the World'; Oct. 25, 8:15, Shapiro Forum; \$1.50.

Wellesley — Edwin O. Reischauer speaks on 'Japanese Attitudes Toward China'; Oct. 21, 8 pm; Alumnae Hall.

Ford Hall Forum — Vincent L. Broderick and Louis H. Pollak discuss the question 'Are We Pampering Our Criminals'; Oct. 23, 8 pm; Jordan Hall.

**CANOE RENTAL
SOUTH BRIDGE BOAT HOUSE**

Main St. (Rte. 62)

Concord, Mass. — EM 9-9438

Hours: Daily (except Monday) 9:00 A.M. to dusk

Open April 1 through Nov. 30

Also Boats and Boats with Motors available
BRING THIS AD AND RECEIVE 10% DISCOUNT

**We'll be on campus
soon to talk about a new
breed of engineering you
can't get a degree in.**

"RANGE PROFESSIONAL." It's a new discipline of our own creation... a blend of the many technologies required to support our nation's space and missile launches.

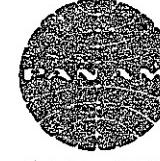
When a new grad joins Pan Am at the Eastern Test Range with a degree in electronic, electrical, mechanical, chemical, civil or industrial engineering, physics, or math... or even if he's an experienced specialist in telemetry, optics, hydraulics, radar, statistics, infrared, orbital mechanics, data handling, communications or what have you... he soon becomes proficient in many disciplines.

The multiple striking power of this all-around engineer goes a long way in explaining our success with planning, engineering, and directing operation of the Air Force's multi-million dollar instrumentation complex stretching from Cape Kennedy to the Indian Ocean... and why we're working ahead confidently for launches of MOL, Apollo, Voyager and a host of other sophisticated programs.

Find out more about your potential as a Range Professional when our team visits your campus. Arrange an appointment with your Placement Director now.

INTERVIEWS FOR BSEE'S**Wednesday, Oct. 26**

Or write for information to Manager of College Relations, Dept. 717 Guided Missiles Range Division, Pan American World Airways, Inc., 750 S. Orlando Avenue, Cocoa Beach, Florida. An Equal Opportunity Employer.

**GUIDED MISSILES
RANGE DIVISION**

PAN AMERICAN WORLD AIRWAYS, INC.

**ALL CAMBRIDGE
and SOMERVILLE
TELEPHONE CUSTOMERS
(using both regular and coin phones)
CAN NOW DIAL ALMOST
ALL TYPES OF
LONG DISTANCE CALLS**

including Person-to-Person, Collect,
and Credit Card calls.

It's simplicity itself.

For Person-to-Person, Collect or Credit Card calls, you just dial zero (Operator) first. Then, without waiting, dial the long distance number including the area code where necessary.

While the equipment is completing the call, an operator will come on the line briefly to obtain any necessary special information. Charges for these calls will

be computed automatically by electronic equipment. Remember, there is no change in the method of dialing Station-to-Station long distance calls.

This new service is now being introduced in New England Telephone Offices on a progressive basis. Expanded Direct Distance Dialing is another one of your Telephone Company's continuing efforts to provide you with the best telephone service in the world.



New England Telephone
Part of the Nationwide Bell System

Lyrics meet new test

'Louie' recorded in Spanish

the playroom

IN THE
HAMILTON
HOUSE MOTEL*Starts Monday
**ESTHER
PHILLIPS**Now thru Sunday — The Jazz Organ of
JOE BUCCI
SUNDAY
MATINEE
4 to 7 P.M.
Casual dress allowed For res. phone 734-74001110 COMMONWEALTH AVE., ALLSTON
(CORNER OF COMMONWEALTH AVE. AND BRIGHTON AVE.)(Continued from Page 7)
1966, to demand for the record when a new batch of record buyers heard rumors of its obscenity. The album is an almost perennial entry on best-selling album lists. It will remain a classic and keep coming back despite the

Kingsmen's open admission that loses much of its value when one is ignorant of its words is 'Along Comes Mary.' The second single by the Association (their first was

recorded the song in Spanish led some to believe that they were covering up questionable lyrics. However, translation of the song by Techmen Jim Bricker, Mike Mann, and Osvaldo Peusner showed that it was basically the same as that written by Berry and recorded by many groups. A literal translation of the first of two verses reads:

A lovely girl is waiting for me
Across the sea I'm going to
see her
Ever since I saw her I am
very lonely
I'd like to have her, kiss her,
and love her.

The Sandpipers' version, currently 74 its first week on Billboard's chart, is done as a lyric ballad rather than a hard rock song, and seems more appropriate to the content of the song. The Sandpipers, a Southern California-based group on Herb Alpert's A&M label, hit nine nationally with 'Guantanamera.'

The Association
Another recent song which

Waiting for Godot?
or the Fall?
Like to talk about it? Academia Modern Language Center begins Advanced French Class focusing on contemporary French ideas.
54 Boylston Street 354-2124

**USED OFFICE
FURNITURE**

• WALNUT DESKS \$120
• Matching Swivel Chairs ... \$50
• OTHER DESKS \$20-\$75
• LAMPS WITH SHADES \$50
Come To
DESKS AND CHAIRS
791 Tremont St., Boston
Rm. 402 near Mass. Ave.
Daily 9-5, Closed Wednesdays
Tel. 262-9438

On Deck

Friday, October 21
Cross Country (F) — Tufts, Maitland H.S., Away, 4:15 pm
Golf (V) — ECAC Finals at Bethpage, N.Y.
Saturday, October 22
Golf (V) — ECAC Finals continue
Soccer (V) — Springfield, Home, 2 pm
Cross Country (V) — Tufts, Williams, Away, 12:30 pm
Sailing (V) — McMillan at Navy
Sunday, October 23
Sailing (V) — McMillan at Navy
Sailing (F) — Invitational at Coast Guard
Monday, October 24
Soccer (V) — Boston University, Away, 8:30 pm

How They Did

Soccer
MIT (JV) 3, Stevens 0
MIT (F) 3, UNH 8
Golf
MIT (V) 6, Babson 1
MIT (V) 0, Boston College 7
Cross Country
MIT (V) 48, Boston College 66
MIT (V) 48, Springfield 25

Artists, Writers, Technicians, Musicians

(of any type)
INTERESTED IN MULTI-MEDIA PROJECT
any day 9-11 a.m.

call 868-9732 or 354-3224

Degree Candidates in:

Chemistry, Physics, Engineering (ChE, EE, IE, ME, MetE)

Meet the Man from Monsanto

Oct. 24 ~ 26

Sign up for an interview at your placement office. This year Monsanto will have many openings for graduates at all degree levels. Fine positions are open all over the country with America's 3rd largest chemical company. And we're still growing. Sales have quadrupled in the last 10 years . . . in everything from plasticizers to farm chemicals; from nuclear sources and chemical fibers to electronic instruments. Meet the Man from Monsanto—he has the facts about a fine future.



An Equal Opportunity Employer

Lyrics meet new test

'Louie' recorded in Spanish

Sikorsky Aircraft

ENGINEERING REPRESENTATIVES WILL BE ON CAMPUS
TO GIVE SENIORS AND GRADUATES COMPLETE DETAILS ON

ENGINEERING OPPORTUNITIES

WITH THE PIONEER AND LEADING MANUFACTURER
of VTOL AIRCRAFT

See your College Placement Office now
for an appointment.

Thursday, November 3

SIKORSKY AIRCRAFT, Stratford, Conn. ■ Division of United Aircraft Corp. ■ An Equal Opportunity Employer

This is Russ Kennedy of Balboa Island, California, on an in-port field trip as a student aboard Chapman College's floating campus.

The note he paused to make as fellow students went ahead to inspect Hatshepsut's Tomb in the Valley of the Kings near Luxor, he used to complete an assignment for his Comparative World Cultures professor.

Russ transferred the 12 units earned during the study-travel semester at sea to his record at the University of California at Irvine where he continues studies toward a teaching career in life sciences.

As you read this, 450 other students have begun the fall semester voyage of discovery with Chapman aboard the s.s. RYNDAM, for which Holland-America Line acts as General Passenger Agents.

In February still another 450 will embark from Los Angeles for the spring 1967 semester, this time bound for the Panama Canal, Venezuela, Brazil, Argentina, Nigeria, Senegal, Morocco, Spain, Portugal, The Netherlands, Denmark, Great Britain and New York.

For a catalog describing how you can include a semester at sea in your educational plans, fill in the information below and mail.



Director of Admissions
Chapman College
Orange, California 92666

**Chapman
College**
Orange, California 92666

Name _____	(Last) _____	(First) _____	Present Status College/University _____
Address _____	(Indicate Home or College/University)		Freshman <input type="checkbox"/> Sophomore <input type="checkbox"/> Junior <input type="checkbox"/> Senior <input type="checkbox"/> Graduate <input type="checkbox"/>
City _____	State _____	Zip _____	
Telephone _____	Age _____	M _____ F _____	

The Ryndam is of West German registry.

Don Fischer (MIT '53, Harvard Business School '59) is manager of Corporate Planning and Systems.

He's 35 years old.

He works at Photocircuits.

Don had his pick of jobs but he chose Photocircuits. For a good reason. Today he's Manager of Corporate Planning and Systems...quite a responsibility for a guy who's only 35 years old. But Don can handle it. That's why Photocircuits picked him for this key management position. For Don, it's paid off handsomely. Besides enjoying plenty of personal fulfillment and job satisfaction, Don gets a tremendous kick out of changing the State-of-the Art into the state of being. So will you.

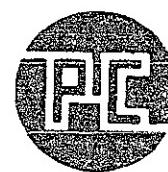
By the way, Photocircuits is one of the world's largest independent manufacturers of printed circuits. We also make printed armature motors and data processing equipment. All three are exciting, fast-growing fields. More important, Photocircuits itself is growing fast. We've expanded our plant seven times and our annual sales are increasing at the rate of 35%. And we've done all of these things in just 14 years.

We're growing—but not so big or so fast that you'll feel lost in the shuffle—or wind up in deadsville—or be known by a number instead of a name.

If you've got what it takes to join Photocircuits, we promise you all the RECOGNITION, GROWTH and SATISFACTION you're capable of attaining.

We need more men like Don Fischer. If you're an EE, ME, Ch E, IE, Mgt E, Chemist, BBA, Accountant—up to PhD. level see us on campus.

October 24



Photocircuits
CORPORATION
Glen Cove, New York

Check with T.W. Harrington, Director of Placement for further details on Photocircuits' current job opportunities and interview schedules or fill out and return this coupon.

Photocircuits Corporation
Glen Cove, New York 11542
ASST. TO THE PRESIDENT

Please contact me regarding career opportunities with your firm.

Name _____ Degree _____

Address _____

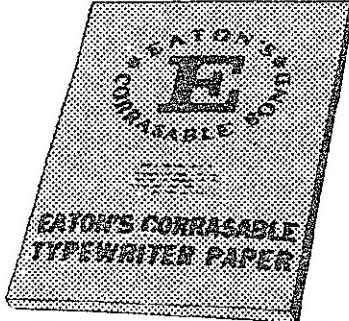
Telephone (area code) _____

DON'T

fight it.

Get Eaton's Corrasable Bond Typewriter Paper.

Mistakes don't show. A mis-key completely disappears from the special surface. An ordinary pencil eraser lets you erase without a trace. So why use ordinary paper? Eaton's Corrasable is available in light, medium, heavy weights and Onion Skin. In 100-sheet packets and 500-sheet ream boxes. At Stationery Departments.



Only Eaton makes Corrasable.[®]

EATON PAPER CORPORATION, PITTSFIELD, MASSACHUSETTS

**Engineers, Mathematicians:
Contribute to Technical
Programs of National
Significance**

... nsa

Creating secure communications systems and equipments unknown anywhere else. This is the mission of the National Security Agency—a mission which in turn creates problems of a high order of difficulty, requiring an uncommon amount of ingenuity.

There is no other organization like it...no other organization doing the same important work, or offering the same wealth of opportunity for imaginative graduates in mathematics or the engineering sciences.

A separate agency operating within the defense establishment, NSA has a critical requirement for:

ENGINEERS. To carry out basic and applied research, design, development, testing and evaluation of large-scale cryptocommunications and EDP systems. Engineers may also participate in related studies of electromagnetic propagation, upper atmosphere phenomena, super-conductivity and cryogenics using the latest equipment for advanced research within the Agency's fully instrumented laboratories. Career programs are designed to develop the professional engineer for a full and satisfying future in research or management.

MATHEMATICIANS. To define, formulate and solve complex communications-related problems in support of the NSA mission. Statistical mathematics, matrix algebra, finite fields, probability, combinatorial analysis, programming and symbolic logic are but a few of the tools applied by Agency mathematicians. They enjoy the full support of NSA's completely

Win URI regatta

Coed sailors capture title

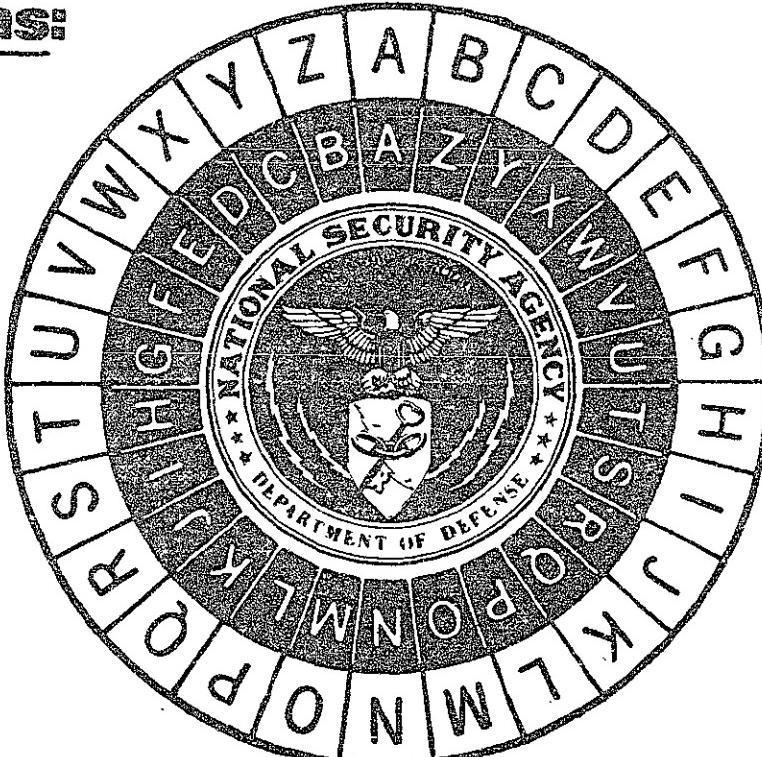
MIT's women sailing team finished first in an intercollegiate Regatta held at the University of Rhode Island Sunday. Alix took three firsts, two seconds, one third and one fourth. The second and third place teams were Connecticut College and the University of Rhode Island. The regatta consisted of only one division, and a light wind prevailed.

Sailing for MIT was Alix Smul-
• SQUASH RACKETS
• All Makes — Large Variety
• Tennis & Squash Shop
• 67A Mt. Auburn St., Cambridge
(Opp. Lowell House).
• TR 6-5417
•

The next intercollegiate women's sailing meet is sponsored by Radcliffe and will be held tomorrow at the MIT sailing pavilion.

YELLOW CAB SERVICE
ALL CABS RADIO EQUIPPED
Dial MIT X2303

DR. LOUIS Y. BARDFIELD
OPTOMETRIST
ANNOUNCES THE OPENING OF HIS NEW OFFICE
879 BEACON STREET
AT PARK DRIVE — BOSTON
Specializing in the fitting of
CONTACT LENSES
436-1222



The "Cipher Disk" ... NSA symbol and one of the oldest and most effective cryptographic devices known.

equipped computer laboratory where many of them often become involved in both the hardware and software of advanced computing systems. Theoretical research is also a primary concern at NSA, owing to the fact that the present state of knowledge in certain fields of mathematics is not sufficiently advanced to satisfy NSA requirements.

CAREER BENEFITS

With NSA, you enjoy all the benefits of Federal employment without the necessity of Civil Service certification.

NSA's generous graduate study program permits you to pursue two semesters of full-time graduate study at full salary with academic costs paid by NSA. The Agency also encourages participation in professional associations and assists you to attend national meetings, seminars, and conferences.

Located between Washington and Baltimore, NSA is also near the Chesapeake Bay, ocean beaches and other summer and winter recreation areas. The location permits your choice of city, suburban or country living.

Starting salaries, depending on education and experience, range from \$7,729 to \$12,873. Check now with your Placement Office to arrange an interview with the NSA representative visiting your campus, or write to: Chief, College Relations Branch, Suite 10, 4435 Wisconsin Avenue, N. W., Washington, D. C. 20016. An equal opportunity employer, M&F.

national security agency

... where imagination is the essential qualification.

**JV booters win;
blank Stevens
for 2nd victory**

By Paul Baker

Stevens Business College was overpowered by the JV soccer team 3-0 Monday at Briggs Field. This was MIT's second win in as many games against Stevens.

Bruce Greenwald '67 led the engineer attack with two goals, one in the first period and one in the third. Jack Russel '68 was credited with an assist for Greenwald's first goal. Erhan Acar '69 added the third and final goal later in the third period.

The Techmen completely dominated the contest. They played aggressive soccer and had possession of the ball for almost the entire game. Tech took 57 shots at the goal, while their fine defensive play allowed Stevens to shoot only 12 times. Goalie Jeff Reynolds '69 made 11 saves for MIT, while the Stevens goalie was forced to stop 36 shots.

The JV record is now 2 wins, no losses, and one tie. Their next game will be with BU November 3. The varsity soccer game with BU originally scheduled for Wednesday, October 19, has been rescheduled for Monday, October 24.

Hockey team takes title in Boston Fall League

A hockey team made up of people associated with MIT has been playing in the B Division of the Boston Mayflower Fall Hockey League. Last week, they won their final game of the season, 5-0, to take the Division title with a record of 4-0-1. For this, they received a trophy which will be displayed in duPont. The second place team, the Arlington club, suffered their one loss to the Tech team in the third game of the season.

Relax and Divert

CAMPUS CUE
590 Commonwealth Ave.
(Opposite B.U. Towers)

Pocket Billiards

"Great for a
Date"

Worried about the Draft?

**1001 Ways to
Beat the Draft**



\$1.00 plus 25¢ for postage and handling.
Send check, money order, cash or postage stamps.

3 copies for \$3.00
we pay postage.

OLIVER LAYTON PRESS Dept. 151
Box 150, Cooper Sta., New York, N.Y. 10003

The benchwarmer**Basketball practice opens with 7 lettermen returning**

By Tom Thomas

Coach Jack Barry greeted basketball hopefuls Monday at Rockwell Cage. Losing only captain Jack Mazola '66 from last year's starting five and retaining 7 lettermen, Barry can only smile when asked about this year's prospects.

Senior co-captain Bob Hardt will be available for the first game with Trinity December 1. The 6'6" pivotman sat out the last sixteen games of the '65-'66 campaign with an injury. He averaged 16.6 points per game and was the leading rebounder for the first ten games.

The engineers wound up with an 18-8 record last year and posted a 14-12 mark in Europe this summer. Chances look good for a regional tournament berth for coach Barry's current edition.

DuPont gym open

The interior renovation of the newly named duPont Gymnasium—previously the Armory—has been completed. The multi-purpose athletic facility features three full basketball courts and can handle four volleyball, two tennis, and several badminton courts. Purchased by MIT in 1959, the gymnasium has been gradually utilized by the intramural, physical education, club and intercollegiate programs at Tech.

Frosh runners, 5-0

MIT's cross country duo of Stan Kozubek '69 and Ben Wilson '70 are leading the way on the engineers' varsity and frosh squads. Last year's outstanding freshman athlete, Kozubek has two first's and two seconds to his credit in his first year on the varsity.

Wilson has lead the engineer yearlings to a 5-0 record thus far. He has lost only once this fall. The rest of the lineup have given him strong support. John Owens, Arthur LaDrew, Eric Darling, Larry Petro, Larry Ludewig, and Jim Leary have all contributed.

Harriers split in triangular

By Jim Yankaskas

The cross-country team finished second in a three-way meet with Springfield and Boston College Tuesday. The Engineers defeated host BC, but were in turn beaten by the traditionally strong Springfield team. Final score was 4 seconds. The winner's time for

Springfield 25, MIT 48, and BC 66.

Leading the race were MIT's Stan Kozubek '69 and Norris of BC. Although Kozubek lowered his personal best time by 31 seconds, Norris outsprinted him in the last hundred yards to win by 4 seconds. The winner's time for

the 4.7 mile course was 23:12.

Springfield men accounted for the next seven places in the race. This overall team strength explains their undefeated record, in spite of the fact that they have no individual stand-outs.

Four Techmen finished immediately behind the Springfield contingent. In order of finish they were John Usher '69, Rich Wolfson '69, Pete Packarsky '68, and Helge Bjaaland '67. Geoff Hallock '69 also aided in the scoring by displacing three BC runners.

Injuries were less of a problem to the MIT team than in the previous meet. Four men who were unable to run last Friday were entered in the race. Wolfson and Bjaaland were two of the returning runners.

The general improvement of the team was evidenced by the better individual times for the race. Weather was ideal for running, and each of the nine MIT runners lowered his personal best time by 30 seconds or more.

The team meets Tufts and Williams at Williamstown tomorrow. By defeating both schools, the cross-country team will insure themselves a winning season. The record now stands at 4-3. The team races Holy Cross and Dartmouth October 29.

Freshman basketball

Try-outs for freshman basketball will be held starting Wednesday, October 26 at 5 pm in the duPont Gymnasium. Anyone interested should bring his own equipment, including two pairs of socks.

Frosh sports**UNH tops kickers in rain, 8-3**

By Stan Kask

Tech's frosh soccer team fell to the hands of the University of New Hampshire freshman Wednesday by a score of 8-3. A tor-

rential downpour fell during the entire game.

UNH controlled the ball for most of the game. During the first half, the game was largely

a defensive battle. UNH finally broke the ice, or the mud, as the case may be, near the close of the second period. The score at the end of the half was 1-0.

The second half, however, was a different story. UNH began an offensive surge which was hard to contain. To add heartache to misery, Tech's goalie, John Gerth was injured early in the third period and did not play for the rest of the game. Harry Terkanian replaced Gerth, but UNH's shooting was a little too accurate.

Frank Manning scored Tech's first goal early in the third period. He was assisted by Bob Busby. At the end of the third period the score was UNH 5, MIT 2.

The fourth period was almost a re-enactment of the third, as UNH controlled the ball most of the time and managed to kick in a goal every now and then. The final score was 8-3.

Gymnastics club holds meeting Wednesday at 5

The Gymnastics Club will hold a preliminary meeting Wednesday at 5 pm in the Varsity Club Lounge in the duPont Gymnasium. The purpose of the meeting will be to welcome new members and begin the season.

This year, the team will be coached by Frank Musker. Graduate students are welcome, and are eligible for competition. The schedule for this season will include Dartmouth, Coast Guard, Plymouth, and Yale. Workouts will begin October 31, while the season will get under way December 3.

For further information, call Pete Amstutz '67, x3617, or Gill Smith '67, d1 8-285.

A penalty kick by a UNH player gets by frosh goalie Harry Terkanian, who replaced John Gerth early in the third period. Despite good defensive play in the first half, the frosh booters lost, 8-3.

Title game set for noon Saturday

Photo by Jeff Reynolds

SAE Terry Bennett '70 races around end as Don Paul '67 blocks Delt defender Art Von Waldburg '67. Smiling John Butler '65 and Geoff Brazer '69 of SAE look on.

Beta Theta Pi and Sigma Alpha Epsilon will again match wits and abilities tomorrow at 11:30 for 1966 IM football crown. The Betas, still undefeated this year, hope to duplicate their victory over the SAElos two weeks ago. The SAE's opposing ideas are strengthened by their last two victories. Steve Schroeder '67 and Fred Souk '67, the opposing quar-

terbacks, both healthy and passing well, plan to flood the air with footballs.

Examining the two offenses we find the Betas endowed with speedy end and quick moving linemen. Steve Schroeder '67 mixes his calls enabling Greg Wheeler '67, Tom Chen '68, and Jim Cormier '68 to sprint free for the pass, or Rick Young '68 to break loose for a five yard gain.

SAE has size

SAE, behind the confident, experienced hands of Fred Souk '67, find size to their advantage. Don Rutherford '67, Jack Mazola '66, and Bruce Wheeler '70 provide SAE with sizable targets.

In other "A" league action, Delta Upsilon clashes with Delta Tau Delta in another return engagement. The Deltas, tops in their league, are still burning after their near victory Saturday. Art Von Waldburg '67 hopes to topple the DU defense on the ground and in the air. Denny Dusik '68 plans to march down

the field behind his enormous 25 lb. average line.

AEPI-SAE "B" clash

Lambda Chi Alpha, one of the finalists in the "B" football championship, rests this week awaiting the outcome of the AEPI-SAE "B" contest. The PIs, unbeaten and once scored upon, plan to do it again against the junior SAElos. Quarterback Steve Kanter '68 plans his attack around receivers Ron Mandle '65 and Herb Farmer '68.

SAE "B," led by their field general Dave Dewitte '69, feel they can keep rolling on. After their victories Friday and Saturday the SAElos can't wait to hit the field again.

Games this Saturday:

Teams	Field	Time
Beta-SAE	2	11:30
Sig Ep-Kappa Sig	3	
TDC-Phi Kappa Theta	4	
PMD-West St.	5	
Phi Delt-Burton "A"	2	1:30
AEPI-SAE "B"	3	
PBE-Stud House	4	
NRSA-Bexley	5	
DU-Delts	2	3:30
Theta Chi-Fiji	3	
Sigma Chi-Burton "B"	4	
Grad Mgt.-Ashdown	5	

Shutout by BC**Golfers split in warm-up for ECAC**

By Steve Wiener

In their final tune up for the ECAC finals, the varsity golfers split a triangular meet, bowing to BC 7-0 and downing Babson 6-1. This same BC squad finished fourth to MIT in last week's ECAC qualifying round.

Playing at Wellesley Country Club, the engineers couldn't score the way they did in finishing first and second in two tournaments this fall. Gerry Banner '68, Jack Rector '68 and Greg

Kast '69 were the only Beavers who managed to break eighty. Rick Marcus '69 filled in for ailing Tom Thomas '69.

This afternoon the team will fire a practice round on the challenging Bethpage golf course on Long Island. Tomorrow they compete in the eighteen hole ECAC final, the most coveted gold championship in the East. Their opponents will be the seven other survivors of last week's elimination round. Coach Merriman is hoping that his charges can repeat the 310 they registered in Burlington when they qualified over 15 other teams.

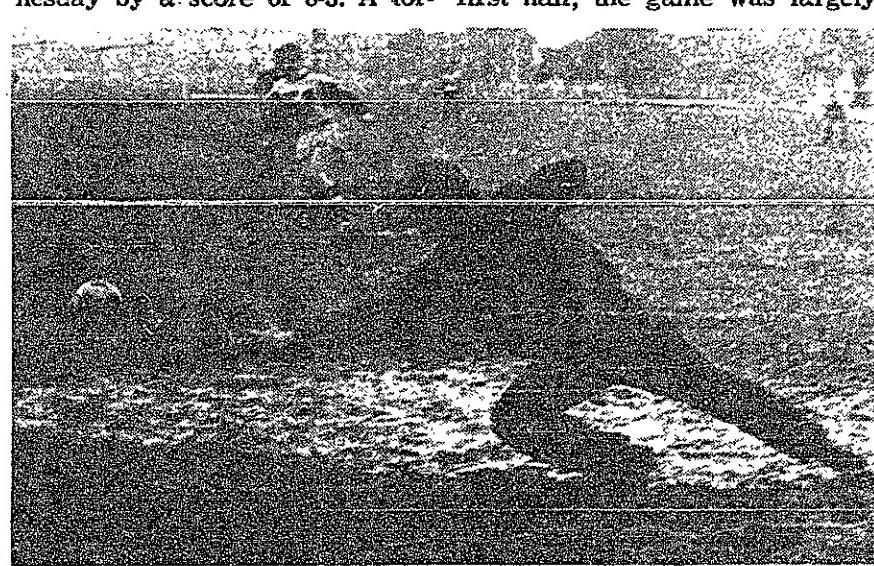


Photo by Jeff Reynolds

A penalty kick by a UNH player gets by frosh goalie Harry Terkanian, who replaced John Gerth early in the third period. Despite good defensive play in the first half, the frosh booters lost, 8-3.

Second place poster presented by the Boston Society of Engineers to the Massachusetts Institute of Technology, Boston, Massachusetts. The poster is published in the Boston Society of Engineers' annual yearbook, "The Engineers' Yearbook".